

METHOD FOR THE DETERMINATION OF CELL ACTIVATION

Abstract of the Disclosure

This invention provides a method for evaluation of the level of activation of cells through the quantification of the phosphorylated versus the non-phosphorylated multiple proteins belonging to kinase cascades which is the result of the equilibrium between the kinase/phosphatase activities in the given cells. The invention also provides a method for quantification of the level of phosphorylation of enzymes and proteins involved into the pathways of cell activation or being the products of these activations. In particular, the invention provides a method for the simultaneous quantification level of phosphorylation of multiple proteins of the same or different pathways present in the same cell extract.

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